

Listing of Claims

This listing of claims will replace all prior versions and listings of claims in the application:

Claim 1. (currently amended) A telescopic wing system comprising:

- (a) an outer wing segment;
- (b) an inner wing segment telescopically disposed from said outer wing segment, said outer wing segment and said inner wing segment each having a first end and a second end; and
- (c) an actuator comprising a coiled tube composed of a shape memory alloy, said actuator fastened to said second end of said outer wing segment and to said first end of said inner wing segment so that said actuator is disposed lengthwise in an extended fashion within said telescopic wing system, said coiled tube having a fluid therein so as to contracting said actuator lengthwise when heated by said fluid thereby and extending said inner wing segment from said outer wing segment.

Claim 2. (cancelled)

Claim 3. (currently amended) The telescopic wing system of claim 1, wherein said fluid is a liquid.

Claim 4. (original) The telescopic wing system of claim 3, wherein said fluid is vented after passing through said actuator.

Claim 5. (original) The telescopic wing system of claim 3, wherein said fluid is re-circulated after passing through said actuator.

Claim 6. (currently amended) The telescopic wing system of claim 1, wherein said fluid is a gas.

Claim 7. (original) The telescopic wing system of claim 6, wherein said fluid is vented after passing through said actuator.

Claim 8. (original) The telescopic wing system of claim 6, wherein said fluid is re-circulated after passing through said actuator.

Claim 9. (currently amended) The telescopic wing system of claim 1, wherein said actuator is also controlled ~~activated~~ by an electrical current.

Claim 10. (cancelled)

Claim 11. (original) A telescopic wing system of claim 1, further comprising:

(d) a resilient element fastened to said inner wing segment and to said telescopic wing system so that said resilient element is elongated when said inner wing segment is extended, said resilient element retracting said inner wing segment when said actuator is cooled.

Claim 12. (cancelled).

Claim 13. (currently amended) The telescopic wing system of claim 11 ~~12~~, wherein said fluid is a liquid.

Claim 14. (original) The telescopic wing system of claim 13, wherein said fluid is vented after passing through said actuator.

Claim 15. (original) The telescopic wing system of claim 13, wherein said fluid is re-circulated after passing through said actuator.

Claim 16. (currently amended) The telescopic wing system of claim 11 ~~12~~, wherein said fluid is a gas.

Claim 17. (original) The telescopic wing system of claim 16, wherein said fluid is vented after passing through said actuator.

Claim 18. (original) The telescopic wing system of claim 16, wherein said fluid is re-circulated after passing through said actuator.

Claim 19. (currently amended) The telescopic wing system of claim 11, wherein said actuator is also controlled ~~activated~~ by an electrical current.

Claim 20. (cancelled)